

PRE INSTALL CHECKLIST

At a minimum the following items should be checked/verified BEFORE attempting an install of the A1A Controller

Equipment needed; VOM Ammeter, Temperature sensor/gage, hand tools.

Voltage checks <u>at the motor</u>	<u>ACTUAL</u>	<u>EXPECTED</u>
120V Hot to Neutral	_____	<u>120V +/- 5V</u>
Hot to Ground	_____	<u>120V +/- 5V</u>
208V L1 to Ground	_____	<u>120V +/- 5V</u>
L2 to Ground	_____	<u>120V +/- 5V</u>
L1 to L2	_____	<u>208V +/- 5V</u>
240V L1 to Ground	_____	<u>120V +/- 5V</u>
L2 to Ground	_____	<u>120V +/- 5V</u>
L1 to L2	_____	<u>240V +/- 5V</u>

NOTE; Do not proceed with install if actual voltages are not within 5% of expected voltages.

Motor Amps Checks	<u>Actual H.P. < 2</u>	<u>Rated Amps</u>	<u>Actual Maximum Amps</u>
120V Motor Nameplate	_____	_____	_____
208V Motor Nameplate	_____	_____	_____
240V Motor Nameplate	_____	_____	_____

NOTE; The A1A (not continuous) Rating is 12A and 2HP

Temperature Checks Within 6" of the discharge air source or coil.

	<u>Actual</u>	<u>Recommended</u>
DX System in Cooling	_____	<u><45 deg F</u>
Water System in Cooling	_____	<u><55 deg F</u>
DX System Heat Pump	_____	<u>>120 deg F</u>
Water System in Heating	_____	<u>>140 deg F</u>
Other	_____	<u>>160 deg F</u>

NOTE; If these temperatures are not met the A1A may not go to full speed (rpm)

General Condition/Noises - _____

